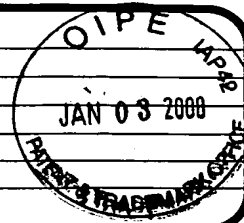


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Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: January 3, 2008 <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				<b>Application Number</b>	10/577,702
				<b>Filing Date</b>	11/2/2004
				<b>First Named Inventor</b>	Masao YANAGAWA
				<b>Art Unit</b>	1713
				<b>Examiner Name</b>	Lee, Rip A.
				<b>Attorney Docket Number</b>	023174-0161
<b>Sheet</b>	1	<b>of</b>	1		



### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

### FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	B1	FR 1 542 040	10/11/1968	Phillips Petroleum Company		
	B2	JP 2002-220410	08/09/2002	Ube Industries		Abs

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	B3	CHIRIK P J. et al, "Preparation of Ansa-Niobocene and Ansa-Tantalocene Olefin Hydride Complexes as Transition State Analogues in Metallocene-Catalyzed Olefin Polymerization", Organometallics, American Chemical Society, January 6, 2003, pgs. 172-187.	
	B4	SCHWEIGER, Scott W. et al., "Studies of the alkylation of niobium and tantalum halides containing 2, 6-diarylphenoxide ancillary ligation", Journal of the Chemical Society, Dalton Transactions, 2001, 2020-2031, pgs. 2021-2028.	
	B5	WEINERT, Charles S., "Isolation and Chemistry of Tantalum(V) Compounds Containing Two Resolved 3, 3'-Disubstituted-1,1'-bi-2,2-Naphthoxide Ligands" ORGANOMETALLICS, 2002, American Chemical Society, pgs. 484-490.	
	B6	VAN BAALEN, A. et al., "Allyl complexes of dicyclopentadienylniobium(III) and -tantalum(III)", Journal of Organometallic Chemistry 74, 1974, pgs. 245-253.	
	B7	GRAY, Steven D. et al., "Carbon-Nitrogen Bond Cleavage in an η <sup>2</sup> (N,C)-Pyridine Complex Induced by Intramolecular Metal-to-Ligand Alkyl Migration: Models for Hydrodenitrogenation Catalysis", Journal of the American Chemical Society, 1995, pgs. 10678-10693.	

<b>Examiner Signature</b>	<b>Date Considered</b>
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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